

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/000178

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ B65D43/22, 83/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ B65D39/00-55/16, 83/08, A45D33/00, H05K5/03

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Toroku Jitsuyo Shinan Koho	1994-2004
Kokai Jitsuyo Shinan Koho	1971-2004	Jitsuyo Shinan Toroku Koho	1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
<u>X</u> <u>Y</u> A	EP 1138608 A1 (UNI-CHARM CORP.), 04 October, 2001 (04.10.01), Column 3, line 9 to column 5, line 27; Fig. 1 & AU 6869800 A & CA 2349604 A1 & JP 2001-72108 A & JP 2001-146247 A & US 6655544 B1 & WO 01/17873 A1	<u>18</u> <u>19</u> 1
Y	JP 2001-197929 A (Kanebo, Ltd.), 24 July, 2001 (24.07.01), Column 3, lines 26 to 30; Fig. 4 (Family: none)	19
A	US 5370081 A (Richard A. GORDON), 06 December, 1994 (06.12.94), Column 4, lines 3 to 17; Fig. 4 (Family: none)	1

☒ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

* Special categories of cited documents:	"I" later document published after the international filing date or priority date and not in conflict with the application but cited to
"A" document defining the general state of the art which is not	understand the principle or theory underlying the invention
"E" earlier document but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be
"L" document which may throw doubts on priority claim(s) or which is	considered novel or cannot be considered to involve an inventive
cited to establish the publication date of another citation or other	step when the document is taken alone
special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be
"O" document referring to an oral disclosure, use, exhibition or other	considered to involve an inventive step when the document is
means	combined with one or more other such documents, such
"P" document published prior to the international filing date but later	combination being obvious to a person skilled in the art
than the priority date claimed	"&" document member of the same patent family

Date of the actual completion of the international search
05 April, 2004 (05.04.04)Date of mailing of the international search report
20 April, 2004 (20.04.04)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6367639 B1 (Bob MAR), 09 April, 2002 (09.04.02), Column 7, line 30 to column 8, line 23; Fig. 8 (Family: none)	1
A	CD-ROM of the specification and drawings annexed to the request of Japanese Utility Model Application No. 48417/1993 (Laid-open No. 17748/1995) (Aiwa Co., Ltd.), 31 March, 1995 (31.03.95), Page 9, lines 1 to 23; Fig. 1 (Family: none)	1
A	JP 9-323748 A (Kozo SAITO), 16 December, 1997 (16.12.97), Column 3, lines 34 to 41; Fig. 1 (Family: none)	17

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Box I Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:

because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:

because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:

because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

A common matter pertaining to Claims 1-17, 18, and 19 is disclosed in Document EP 1138608 A1 (UNI-CHARM CORP.), 04 October, 2001 (04.10.01), column 3, line 9 to column 5, line 27. Therefore, it is not a special technical feature in the meaning of the second sentence of PCT Rule 13.2. Accordingly, Claims 1-17, 18, and 19 do not fulfill the requirement of unity of invention.

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

☐

The additional search fees were accompanied by the applicant's protest.

☐

No protest accompanied the payment of additional search fees.